

**AGREEMENT  
EXTENDING THE ARRANGEMENT OF MARCH 5, 1997  
FOR THE EXCHANGE OF TECHNICAL INFORMATION  
AND COOPERATION IN NUCLEAR SAFETY AND RESEARCH MATTERS  
BETWEEN  
THE NUCLEAR REGULATORY COMMISSION  
OF THE UNITED STATES OF AMERICA  
(U.S.N.R.C.)  
AND  
THE COMISION NACIONAL DE SEGURIDAD NUCLEAR Y SALVAGUARDIAS  
OF THE UNITED MEXICAN STATES  
(C.N.S.N.S.)**

The Nuclear Regulatory Commission of the United States of America and the Comision Nacional de Seguridad Nuclear y Salvaguardias of the United Mexican States, acknowledging their desire to continue the "Arrangement for the Exchange of Technical Information and Cooperation in Nuclear Safety and Research Matters Between the Nuclear Regulatory Commission of the United States of America (U.S.N.R.C.) and the Comision Nacional de Seguridad Nuclear y Salvaguardias of the United Mexican States (C.N.S.N.S.)" signed at Mexico City on March 5, 1997, hereby agree to extend the terms and conditions of that Arrangement for another five years, with effect from March 5, 2002.

Both parties agree that Addenda "A" and "B," attached hereto, will replace those in the 1997 Arrangement. These new Addenda update the specific areas in which the U.S.N.R.C. and the C.N.S.N.S. are performing the nuclear safety research referred to in Articles II.1.e. and II.4 of the Arrangement.

Both parties further agree that Article II.2, "Nuclear Emergency Cooperation," of the Arrangement will be expanded to add the following two items:

Communications Link

The U.S.N.R.C. and the C.N.S.N.S. will discuss and make every effort to set up a reliable communications link between them, if the parties determine that such a link is necessary and appropriate.

Emergency Exercises

The parties may collaborate on emergency exercises to be conducted, as the parties jointly decide is useful and appropriate. This could include observation of the exercises and participation in their critique.

The present agreement will enter into force upon signature.

DONE at Mexico City, on this 12th day of November 2002.

FOR THE NUCLEAR REGULATORY  
COMMISSION OF THE  
UNITED STATES OF AMERICA:

FOR THE COMISION NACIONAL DE  
SEGURIDAD NUCLEAR Y SALVAGUARDIAS  
OF THE UNITED MEXICAN STATES:



Richard A. Meserve  
Chairman



Juan Eibenschutz H.  
Director General

**CERTIFIED A TRUE COPY**

BY Emile J. Juban  
Office of the Secretary

## ADDENDUM "A"

### Areas in Which the N.R.C. Is Performing Safety Research

Reactor Vessel and Piping Integrity

Aging of Reactor Components

Reactor Equipment Qualification

Thermal Hydraulic Code Applications and Maintenance

Plant Performance

Human Performance

Core Melt and Reactor Coolant System Failure

Reactor Containment Safety

Containment Structural Integrity

Seismic Safety

Probabilistic Risk Assessment

Severe Accident Analysis

Radiation Protection and Health Effects

Radionuclide Transport and Waste Management

Nuclear Fuel Analysis

Dry Cask Storage and Transport

Decommissioning

Advanced Reactor Designs

Plant Vulnerability

## ADDENDUM "B"

### Areas in Which the C.N.S.N.S. Is Performing Safety Research

Transient Analysis

Reactor Fuel and Coolant Behavior Analysis

Instability Analysis

Evaluation and Application of Integral and Best Estimate Codes for Severe Accident Analysis

Development of the Basis for Severe Accident Management Guidelines

PSA for Low Power and Shutdown

Containment Response Analysis

PSA Applications to Improve Safety

Significance Determination Process

PSA for Large Radiation Sources Installations

Fire PSA